

# Converting Colors

Decimal(12961374)

Have a look what the booklet for  
Decimal(12961374) contains.

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# **Color**

**Decimal(12961374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C65E
RGB	197, 198, 94
RGB Percent	77%, 78%, 37%
CMY	0.2275, 0.2235, 0.6314
CMYK	0.01, 0.00, 0.53, 0.22
HSL	61°, 48%, 57%
HSV	61°, 53%, 78%
XYZ	45.2404, 53.0666, 18.4481
YIQ	185.8450, 32.7880, -32.5560

# Conversions

## Conversions Part 2

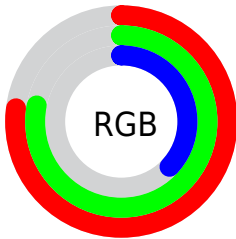
Format	Color
<a href="#">RYB</a>	<a href="#">94, 198, 95</a>
Decimal	<a href="#">12961374</a>
CIELab	<a href="#">77.91, -14.41, 51.25</a>
CIELCh	<a href="#">78, 53.240, 105.706</a>
Yxy	<a href="#">53.0666, 0.3875, 0.4545</a>
Android (android.graphics.Color)	<a href="#">4291151454</a> ( <a href="#">0xFFC5C65E</a> )
YUV	<a href="#">185.8450, -45.2796, 9.7829</a>
Hunter-Lab	<a href="#">72.8469, -16.6273, 35.9779</a>

# Details

The Decimal color **12961374** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6250182**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **16777107**, and **9277482** is the 20% darker color. If you saturate the color by 10%, you get **12961354**, and if you desaturate by 10%, it is **12961394**.

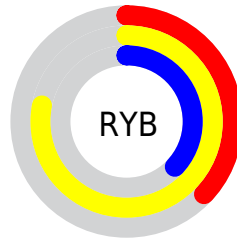
# Distribution



Red (77%)

Green (78%)

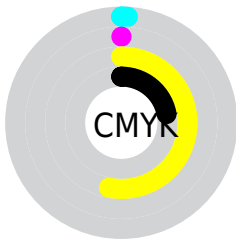
Blue (37%)



Red (37%)

Yellow (78%)

Blue (37%)

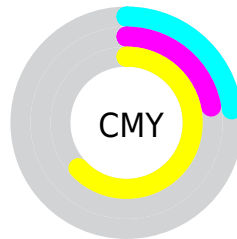


Cyan (1%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12961374 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12961374 by changing the saturation by 10% instead.



 12961374

 12961374

16777215

 11119428

 16777107

 9277482

 16777135

 7501577

 16777163

 5725696

 16777191

 4081408

 2371584

 465920

 0

 12961374

 12961374

12961354

12961394

12961334

12961414

12895779

13026969

12895759

13026989

12895744

13027009

13027029

13027049

13092604

13092607

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15906400



12961374



9294457

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12961374



55039



16751322

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12961374



6250182

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15117055



12961374



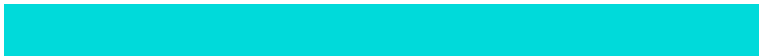
904703

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12961374



56026



10403327



16750760

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12961374



6215574



10403327



16752362



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12961374



16777174



13000286



8355943



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12961374



16645982



9619038



6513498



10658560



2302976



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6250182



6315775



9592518



5921379



131235



36



# Previews

## White Background



This preview shows how the Decimal color 12961374 looks on a white background.

## Color Contrast Check

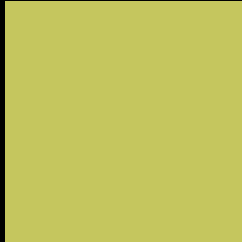
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12961374 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12961374 Background



This preview shows how black text looks on a background with the Decimal color 12961374.

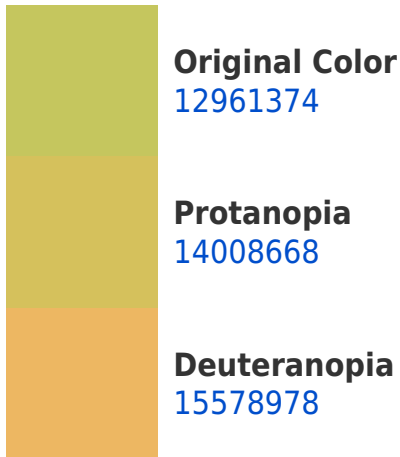


This preview shows how white text looks on a background with the Decimal color 12961374.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

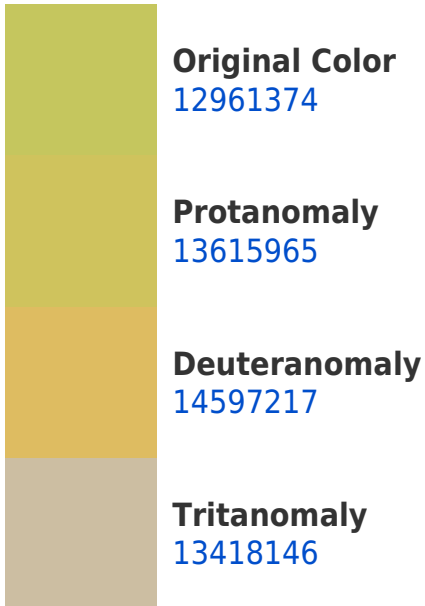
## Dichromacy





**Tritanopia**  
13679305

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12961374 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C5C65E looks like.

```
.text, #text, p{  
    color:#C5C65E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C5C65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C65E
}
```

## Border

The CSS property to change the border of an element to Decimal 12961374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5C65E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C5C65E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C5C65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C65E; -webkit-box-shadow:4px 4px  
4px 4px #C5C65E; box-shadow:4px 4px 4px  
4px #C5C65E }
```

# Background

The CSS property to change the background color of an element to Decimal 12961374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C65E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C5C65E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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